

Application Details

APPLICATION NUMBER	201821037925
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/10/2018
APPLICANT NAME	K. J. Somaiya College of Engineering
TITLE OF INVENTION	A BEAD SEPARATING DEVICE
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	paragm.more@gmail.com
ADDITIONAL-EMAIL (As Per Record)	parag.more@intlectpm.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	22/08/2019
PUBLICATION DATE (U/S 11A)	30/08/2019

Application Status

APPLICATION STATUS

Application referred u/s 12 for examination.

[View Documents](#)



(12) PATENT APPLICATION PUBLICATION

(21) Application No.201821037925 A

(19) INDIA

(22) Date of filing of Application :06/10/2018

(43) Publication Date : 30/08/2019

(54) Title of the invention : A BEAD SEPARATING DEVICE

(51) International classification	:F16D 67/02 B60R 25/08	(71)Name of Applicant : 1)K. J. Somaiya College of Engineering Address of Applicant :K. J. Somaiya College of Engineering, Vidyanagar, Vidyavihar (E), Mumbai 400077, Maharashtra, INDIA Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Dr. (Mr.) Patil, Kashinath Nimba
(33) Name of priority country	:NA	2)Mr. Karhadkar, Lavanya
(86) International Application No	:NA	3)Mr. Shaikh, Muzammil Ahmad
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a beads separating device. Beads need to be separated prior to dyeing/coating process to avoid sticking together after dyeing. Conventionally, they are separated using an elongated object like a scale. Specialized person is employed for this task. He has to be paid exorbitantly, thus causing the cost increase. To control the separation process problems, a device is invented. A rectangular frame (200) having racks (300) on one pair of parallel sidewalls and beads-holding threads (400) mounted on another pair of parallel sidewalls and a cogwheel (500) with groove area proportionate to beads size and having a pair of pinion gears (300TM) are the main components of this device. Beads are separated over the threads by moving pinion gears (300TM) of cogwheel over racks (300) using handle. The time reduction and ease of doing are the advantages of the device resulting in overall process and quality improvement. Refer FIGURE 1

No. of Pages : 15 No. of Claims : 15